

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/760,214 INFORMATION DISCLOSURE Filing Date January 21, 2004 STATEMENT BY APPLICANT First Named Inventor Kia Silverbrook **Art Unit** 2853 (use as many sheets as necessary) Examiner Name WAL15US Attorney Docket Number of Sheet

			U.S. PATE	NT DOCUMENTS	
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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By		us6354212 B1	Mar 12 2002	Krinksky	
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		FORE	IGN PATENT D	OCUMENTS		
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 -Number 4 - Kind Code 6 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
154		FR 2604120 A1	Mar 25 1988	Flaunet et al		
		GB 23433415 A WO 2001/0079372	May 10 2000 Oct 25 2001	Gardiner Avery Dennison Corp		

Examiner Signature	Date Considered	4/23/04

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Substitut	e for form 1449A/I	РТО		Complete if Known			
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INFO	PRMATIO	N DI	SCLOSURE	Filing Date			
STA	TEMENT	BY A	APPLICANT	First Named Inventor	Kia Silverbrook		
				Art Unit			
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Sheet	1	of	7	Attorney Docket Number	WAL15US		

	 	U.S. PATE	NT DOCUMENTS	,
Examiner Initials	 Document Number Number - Kind Code ² (# known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
18h	 us5,719,604 *	Feb 17, 1998	Inui et al	
<u> </u>	us5,666,141 *	Sep 09, 1997	Matoba et al	
	 us4,672,398 *	Jun 09, 1987	Kuwabara et al	
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	 <u>us-5,029,805 *</u>	_Jul_09,_1991	Albarda_et_al	
	 US-5,258,774 *	_Nov_02,_1993.	Rogers	
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Examiner Initials	Cite No.1	Foreign Patent Document County Code 3 - Number 4 - Kind Code 5 (# Innown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		EP 0 713 774 *	May 29, 1996	Sharp Kabushiki Katsha		
		DE 195 16 997 *	Nov 16, 1995	Sharp K:K		i —i
		DE 196-23-620-	Dec-19, 1995	Sharp K:K		
		JP-2-108544 (Abstract) *	Apr 20, 1990—	Seiko-Epson-Corp		
		JP-2-92643-(Abstract)		Seiko-Epson-Corp		-
		JP-4-353458-(Abstract)	-Dec-08;-1992	-Brother Ind Ltd		
		JP-6-91865 (Abstract)	-Apr-05,-1994-	Seikosha-Co-Ltd		
	<u> </u>	JP-6-91886 (Abstract)	-Apr-05,-1994	Seikosha.Co.Ltd		<u> </u> }
		JP 2-2657.52.(Abstract)	-Oct.30,-1990	Matsushita.Electronic.Ir	d.Co.Ltd	
	_	EP_0.634.273 *	.Jan_18,_1995	Sharp.Kabushiki.Kaisha	>	

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English language Translation is attached.

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Substitute	e for form 1449/	4/PTO		Co.	mplete if Known	
				Application Number		
INFO	RMATIC	ON DIS	CLOSURE	Filing Date		
STAT	TEMENT	BY A	PPLICANT	First Named Inventor	Kia Silverbrook	
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Sheet	2	of	7	Attorney Docket Number	WAL15US	

		U.S. PATE	NT DOCUMENTS	
Examiner Initials	Document Number Number - Kind Code ² (If known	Publication Oate MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M	 US- 6,416,167.*	Jul.9,.2002_	Silverbrook	
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Examiner Initials	Cite No.1	Foreign Patent Document Coursy Code3 -Number4 - Kind Code4 (Finown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		DE 195 32 913 *	Mar 28, 1996	Sharp K.K		
	\leq	JP 58 112747 (Abstract) * DE-43-28-433 *	Jūl 05, 1983 -Mar-02, 1995	Fujitsu KK -Heidleberger-Druckmasch	inen-AG	
		JP 61 025849 (Abstract) * JP 01 128839 (Abstract) *	Feb.04, 1986 May 22, 1989	_Capen.inc Ricoh Co Ltd		
		JP 04 126255 (Abstract)	Apr 27, 1992 Jun 09, 1993	Seiko Epson Corp Willett Int Ltd		
		DE 195 16 997 UP-05-318724 (Abstract	Nev:16, 1995 Dec:03, 1993	-Sharp K:K -Seikosha-Co-Ltd		
		UP 02 162049 (Abstract)	Jun.21,_1990	-Seiko Epson Corp		
		DE 32 45 283 * UP 04 368851 (Abstract) *	Jun 07, 1984 Dec 21, 1992	Selko Epson Corp		

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English language Translation is attacked.

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			U.S. PATI	ENT DOCUMENTS	
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		JP 02 158348 (Abstract) * JP 03 112662 (Abstract) * JP 03 663348 (Abstract) * EP 0.431.338 * JP 01.257058 * DE 195 17 969 * DE 196 39 717 * EP 0.737.580 *	Jun 18, 1990 May 14, 1991 Mar 20, 1991 Jun 12, 1991 Oct 13, 1989 Dev 30, 1995 Apr 17, 1997 Oct 16, 1996	Minolta Camera Co-Ltd Seiko Epsgn-Corp -Matsushita Electric Ind-Co seiko Epsgn-Corp -Seiko Epsgn-Corp Sharp K.K Sharp K.K Carba-K.K		
		EP 0 882 590: EP 0 478 956: DE 1 648 322: GB 1 428 239 *	Dec 09,-1998———————————————————————————————————	Canon K.K Kemforschungsz-Rarishrul VDO Tachometerwerke Gl Cibie Projecteurs		

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Sheet	4	of	7	Attorney Docket Number WAL15US

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Examiner Initials	Cite No.1	Foreign Patent Document County Code 3 - Number 4 - Kind Code 9 (Finance)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	⊤ 6
		DE 39 34 280 ° DE 29 05 063 ° WO 94 18010 ° EP 0 398 931 ° EP 0 427 291 ° JP 01 115639 (Abstract) ° JP 58 116165 (Abstract) ° -EP 0 627 -314 ° JP 61 268453 (Abstract) °	Apr 26, 1990 Aug 14, 1980 -Aug 18, 1994 -Nov. 22, 1990 May 15, 1991 May 08, 1989 4111, 1983 -Dec 07, 1994 -Nov. 27, 1988	CAE di Cipelletti Alberto Olympla Werke AB Domino Printing Sciences Baiko Epson Corp Seiko Epson Corp Ricoh Co Ltd Canon K.K Olivetti Canon Ind SPA Olympus Optical Co Ltd	PLC	
		JP 04-118241 (Abstract) * EP 0 506 232 * JP 07 314665 (Abstract) *	Apr. 20, 1992 Sep 30, 1992 Dec 05, 1995	Selike Epson.Corp Videojet Systems Int, Inc Canon Inc		

Examiner Signature	Date Considered	6/23/06

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		JP 03 180350 * WO 97 12689 *	Aug 06, 1991 Apr 10, 1997	Seiko Epson Corp The Board of Trustees of the	e Leland	_
				Stanford University Seiko Epson Corp		
		JP 05 28765 (Abstract) * JP 04 141429 (Abstract) * JP 01 105746 (Abstract) *	Oct 29, 1993 May 44, 1992 Apr 24, 1989	Canon Inc Seiko Epson Corp Ricoh Co. Ltd		
		GB-792-145* EP-0.756-993* JP-01_306254 (Abstract) *	Mar-19,-1958 Jan-02,-1997 Dec_11,_1989	Fechnograph Printed Circu Canon K.K. Seiko Epson Corp	ts-Ltd	_
			Oct 26, 1983	Siemens AG		

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	/	DE 37 16 996 * DE 34 30 155 * FR-2-231-076 *	Dec 08, 1988 F85 27, 1986 -Dec-20,-1974	VDO Schindling Siemens AG Electricite De France		
		GB.2.007.162	_May 1979			

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Substitute	or form 1449B/PTO			Complete if Known	
\ \frac{1}{2}				Application Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			CLOSURE	Filing Date	
			PPI ICANT	First Named Inventor	Kia Silverbrook
STATEMENT DI ALL EIGANT				Group Art Unit	,
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Sheet	7	of	7	Attorney Docket Number	WAL15US

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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	/	NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators A, CH, Elsevier-Sequoia-S:A., Lausanne, Vol-55, no1, 15-July-1996, pp 65-69,	
		XP804077979 ISSN: 0924-4247. *	
		ATAKA, MANABU-et-al, "Fabrication and Operation of Polymide Bimorph Actuators for Ciliary Motion System" downal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150,	
		XP000443412, ISSN: 1957-7457.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceedeing of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25	
		January-1994,-pp-142-147,-XP000528408,-ISBN÷0-7803-1834-X-*	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.